Summary of Water Conditions

May 1, 2018

April precipitation in Northern California was above average, most of which was generated by a strong atmospheric river event during the first part of the month which prematurely melted some of the snowpack and forced some foothill reservoir operators into the flood control mode of operation. The water supply outlook improved moderately during the month.

Forecasts of median April through July runoff went up about 10 percent from April 1 and are now expected to be about 80 percent of average, and 75 percent for the water year. Runoff from snowmelt last year was about 190 percent of average.

Snowpack water content shrank a lot during April due to a relatively warm major storm, and is now about 25 percent of the May 1 average. Most lower elevation courses are bare.

Precipitation from October through April was 75 percent of average compared to 70 percent one month ago and 170 percent last year. The range is from about 90 percent in the north to 30-40 percent in the south.

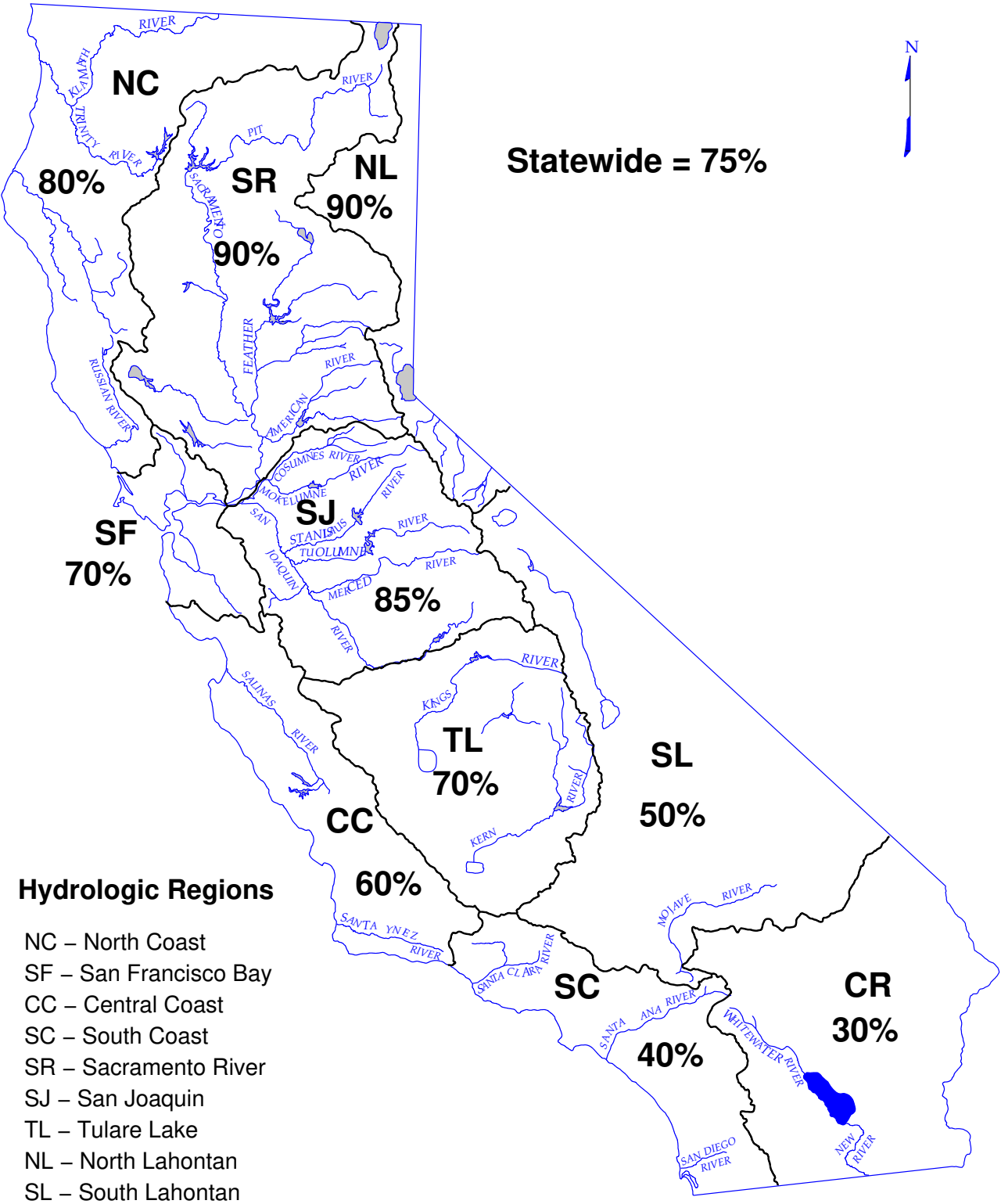
Runoff to date has been about 75 percent of average compared to 235 percent last year at this time. Runoff in April was estimated at 135 percent, including some early snowmelt. Estimated runoff of the eight major rivers of the Sacramento-San Joaquin river region in April was 4.24 million acre-feet in April.

Reservoir storage which includes carryover storage from 2017, is good at about 110 percent of average and is about the same as one year ago.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	MAY 1 SNOW WATER CONTENT	MAY 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APRIL-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	80	10	95	55	45	40
SAN FRANCISCO BAY	70	--	90	30	--	--
CENTRAL COAST	60	--	60	40	--	--
SOUTH COAST	40	--	80	15	--	--
SACRAMENTO RIVER	90	25	105	75	80	70
SAN JOAQUIN RIVER	85	40	130	110	85	85
TULARE LAKE	70	30	145	90	70	70
NORTH LAHONTAN	90	30	170	145	100	105
SOUTH LAHONTAN	50	--	115	105	75	85
COLORADO RIVER	30	--	--	--	--	--
STATEWIDE	75	25	110	75	80	75

DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
SEASONAL PRECIPITATION
IN PERCENT OF AVERAGE TO DATE
October 1, 2017 through April 30, 2018

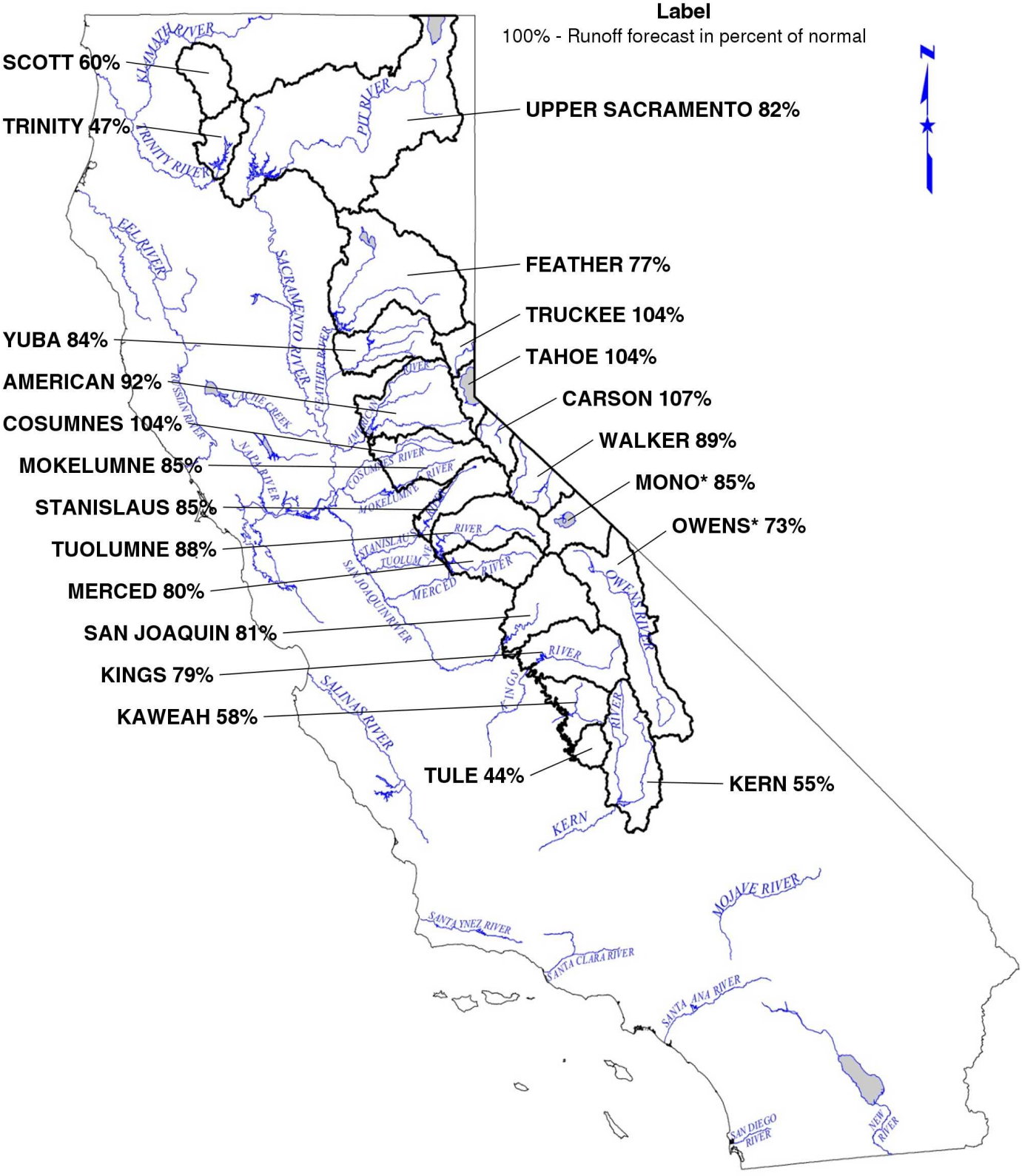


Hydrologic Regions

NC – North Coast
SF – San Francisco Bay
CC – Central Coast
SC – South Coast
SR – Sacramento River
SJ – San Joaquin
TL – Tulare Lake
NL – North Lahontan
SL – South Lahontan
CR – Colorado River–Desert

WATER YEAR IS OCTOBER 1 THROUGH SEPTEME

DEPARMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL-JULY
UNIMPAIRED SNOWMELT RUNOFF
May 1, 2018



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

May 1, 2018 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record (10)	Min of Record (10)	FORECAST Apr-Jul Forecast	Pct of Avg	80% Probability Range (1)
North Coast						
Trinity River at Lewiston Lake	639	1,593	80	**300**	47%	250 - 350
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	295	751	39	175	59%	
McCloud River above Shasta Lake	385	850	185	320	83%	
Pit River near Montgomery Creek + Squaw Creek	1,020	2,098	480	890	87%	
Total Inflow to Shasta Lake	1,756	3,525	711	**1,440**	82%	1,220 - 1,610
Sacramento River above Bend Bridge, near Red Bluff	2,421	5,117	943	**1,940**	80%	1,620 - 2,260
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	250	75%	
North Fork at Pulga (3)	1,028	2,416	243	740	72%	
Middle Fork near Clio (4)	86	518	4	59	69%	
South Fork at Ponderosa Dam (3)	110	267	13	74	67%	
Feather River at Oroville	1,704	4,676	378	**1,310**	77%	1,080 - 1,480
Yuba River						
North Yuba below Goodyears Bar	279	647	51	230	82%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	90	80%	
South Yuba at Langs Crossing (3)	233	481	57	180	77%	
Yuba River near Smartsville plus Deer Creek	968	2,424	151	**810**	84%	670 - 950
American River						
North Fork at North Fork Dam (3)	262	716	43	0	0%	
Middle Fork near Auburn (3)	522	1,406	100	460	88%	
Silver Creek below Camino Diversion Dam (3)	173	386	37	150	87%	
American River below Folsom Lake	1,199	3,074	185	**1,100**	92%	910 - 1,300
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	125	446	8	**130**	104%	100 - 165
Mokelumne River						
North Fork near West Point (5)	437	829	104	0	0%	
Total Inflow to Pardee Reservoir	457	1,076	75	**390**	85%	350 - 450
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	270	81%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	185	83%	
Stanislaus River below Goodwin Reservoir (9)	682	1,710	116	**580**	85%	510 - 680
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	280	89%	
Tuolumne River near Hetch Hetchy	604	1,392	153	540	89%	
Tuolumne River below La Grange Reservoir (9)	1,193	2,682	301	**1,050**	88%	930 - 1,220
Merced River						
Merced River at Pohono Bridge	372	888	80	310	83%	
Merced River below Merced Falls (9)	623	1,588	104	**500**	80%	440 - 570
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	850	83%	
Big Creek below Huntington Lake (8)	91	264	11	72	79%	
South Fork near Florence Lake (7)	201	511	58	175	87%	
San Joaquin River inflow to Millerton Lake	1,228	3,355	193	**1,000**	81%	860 - 1,140
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	190	79%	
Kings River below Pine Flat Reservoir	1,210	3,113	208	**960**	79%	820 - 1,100
Kaweah River below Terminus Reservoir	285	814	42	**165**	58%	140 - 190
Tule River below Lake Success	63	259	1	**28**	44%	22 - 35
Kern River						
Kern River near Kernville	384	1,203	83	220	57%	
Kern River inflow to Lake Isabella	458	1,657	57	**250**	55%	210 - 300

(1) See inside the back cover for definition.
(2) All 50 year averages are based on years 1966-2015 unless otherwise noted.
(3) 50 year average based on years 1941-90.
(4) 44 year average based on years 1936-79.
(5) 36 year average based on years 1936-72.
(6) 45 year average based on years 1936-81.
(7) 50 year average based on years 1953-2002.
(8) 50 year average based on years 1946-1995.

May 1, 2018 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

Water Year Unimpaired Runoff in 1,000 Acre-Feet (1)

HISTORICAL			DISTRIBUTION									FORECAST			
50 Yr Avg (2)	Max of Record (10)	Min of Record (10)	Oct Thru Jan	Feb *	Mar *	Apr *	May	Jun	Jul	Aug	Sep	Water Year Forecast	Pct of Avg	80% Probability Range (1)	
1,348	2,990	200	135	43	91	156	105	31	8	2	0	**571**	42%	520 -	625
860	1,966	165													
1,183	2,353	557													
3,002	5,150	1,484													
5,831	10,796	2,479	1,156	254	636	533	425	270	212	195	189	**3,870**	66%	3,575 -	4,090
8,544	17,180	3,294	1,582	325	848	799	525	350	266	231	229	**5,155**	60%	4,735 -	5,555
780	1,269	366													
2,417	4,400	666													
219	637	24													
291	562	32													
4,407	10,178	995	843	181	867	802	290	135	83	66	59	**3,325**	75%	3,040 -	3,520
564	1,056	102													
181	292	30													
379	565	98													
2,268	5,604	369	488	88	514	510	225	60	15	8	8	**1,915**	84%	1,770 -	2,060
616	1,234	66													
1,070	2,575	144													
318	705	59													
2,626	7,391	349	502	98	661	713	285	88	14	3	3	**2,367**	90%	2,175 -	2,570
379	1,253	20	43	9	142	102	22	5	1	0	0	**324**	86%	290 -	360
626	1,009	197													
748	1,901	129	106	18	127	205	140	40	5	2	1	**644**	86%	600 -	705
471	929	88													
-	-	-													
1,149	3,078	155	154	29	197	315	180	70	15	4	2	**965**	84%	892 -	1,070
461	1,147	123													
770	1,661	258													
1,909	4,631	383	229	34	357	474	345	200	31	10	4	**1,685**	88%	1,560 -	1,860
461	1,020	92													
992	2,787	150	73	16	185	249	170	67	14	5	1	**780**	79%	715 -	860
1,337	2,964	308													
112	298	14													
248	653	71													
1,793	4,642	327	130	27	211	380	360	210	50	18	8	**1,395**	78%	1,245 -	1,550
284	607	58													
1,702	4,287	359	116	23	164	362	345	205	48	19	11	**1,295**	76%	1,145 -	1,440
451	1,402	89	28	7	46	86	53	22	4	2	1	**249**	55%	220 -	280
147	615	10	13	3	21	16	10	2	0	0	0	**64**	44%	55 -	75
558	1,577	163													
728	2,318	130	103	18	48	84	80	63	23	12	9	**440**	60%	395 -	500

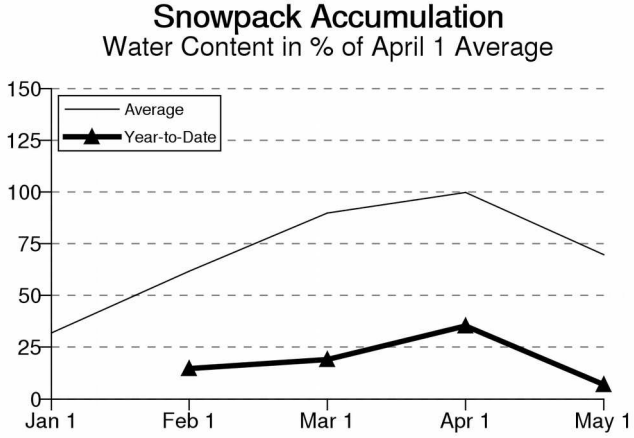
(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.
(10) For the tributaries, the period of record over which the minimum and maximum values are found does not include years after water year 2011.
* Unimpaired runoff in months prior to forecast date are based on measured flows.

May 1, 2018 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

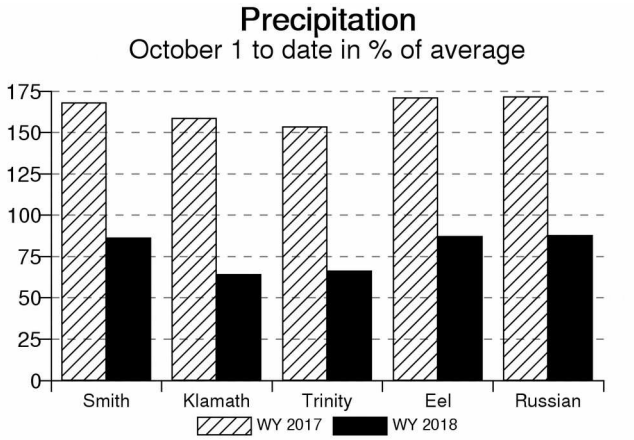
HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL			FORECAST	
	50 Yr Avg (2)	Max of Record (6)	Min of Record (6)	Apr-Jul Forecast	Pct of Avg
NORTH COAST					
Scott River					
Scott River nr Ft Jones (3)	173	398	22	**103**	60%
Klamath River					
Total inflow to Upper Klamath Lake (4)	475	1,150	149	**311**	65%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	250	713	48	**260**	104%
Lake Tahoe Rise (assuming gates closed, ft)	1.3	5.4	0.2	**1.3**	97%
Carson River					
West Fork Carson River at Woodfords	52	135	10	**54**	104%
East Fork Carson River near Gardnerville	182	480	43	**195**	107%
Walker River					
West Walker River below Little Walker, near Coleville	153	410	35	**140**	92%
East Walker River near Bridgeport	61	209	7	**50**	82%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	231	579	84	**170**	73%

(1) See inside the back cover for definition.
(2) All 50 year averages are based on years 1966-2015 unless otherwise noted.
(3) Forecast by National Weather Service California-Nevada River Forecast Center. 30 yr average (1981-2010).
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1981-2010.
(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1961-2010.
(6) For the tributaries, the period of record over which the minimum values are found does not include years after water year 2011.

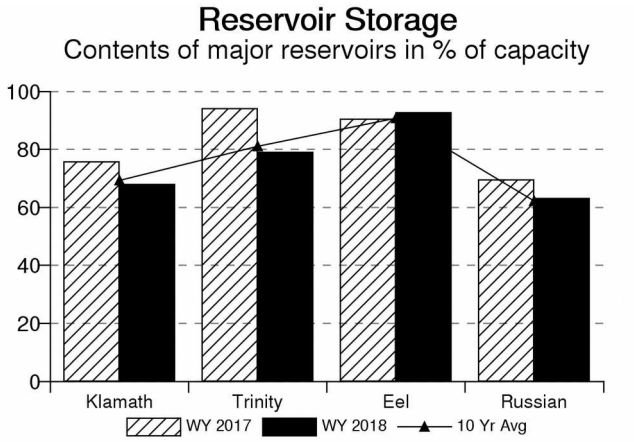
NORTH COAST REGION



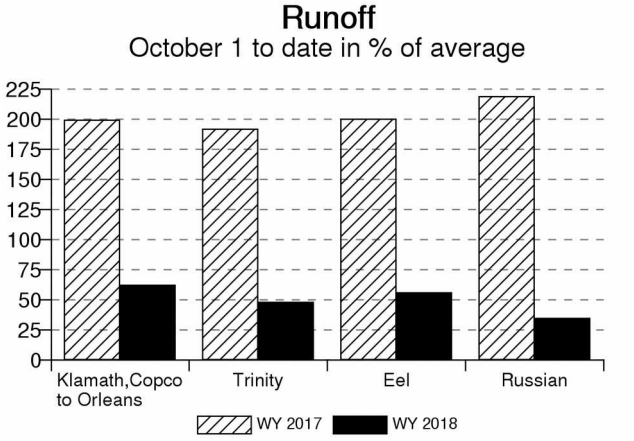
SNOWPACK First of the month measurements made at 5 snow courses indicate an area wide snow water equivalent of 2.2 inches. This is 5 percent of the seasonal April 1 average and 10 percent of the May 1 average165. Last year this time the pack was holding 39.1 inches of water.



PRECIPITATION Seasonal precipitation (October 1 through to the end of April) on this area was 80 percent of normal. Precipitation last month was about 165 percent of the monthly average. Season precipitation at this time last year stood at 160 percent of normal.

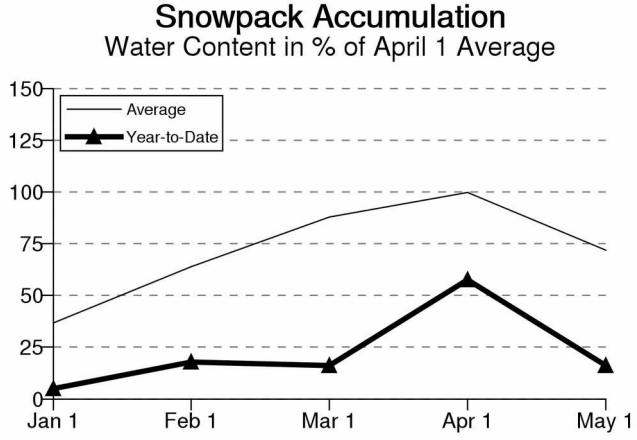


RESERVOIR STORAGE First of the month storage at 6 reservoirs was 2.35 million acre-feet which is 95 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 115 percent of average.

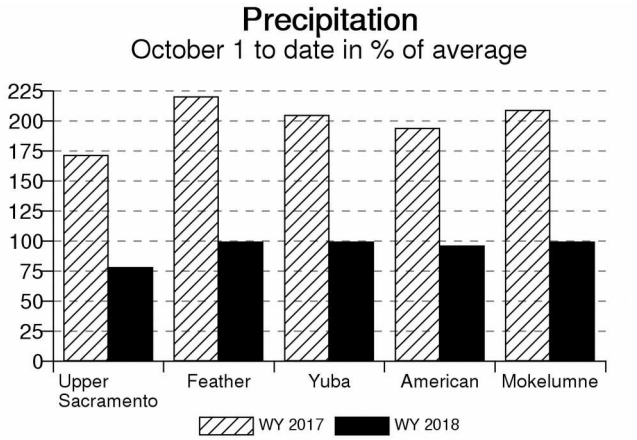


RUNOFF Seasonal runoff of streams draining this area totaled 5.85 million acre-feet which is 55 percent of average. Last year, runoff for the same period was 200 percent of average.

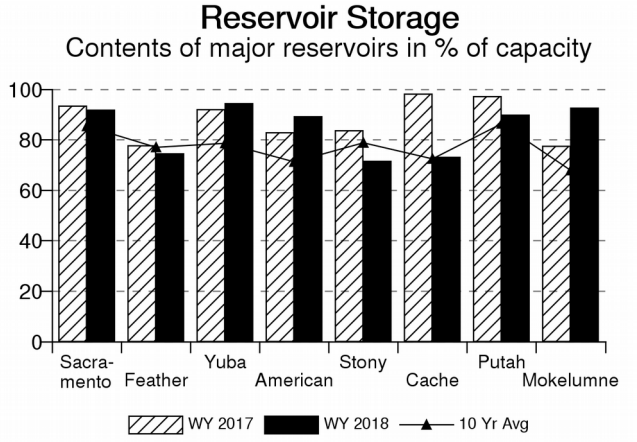
SACRAMENTO RIVER REGION



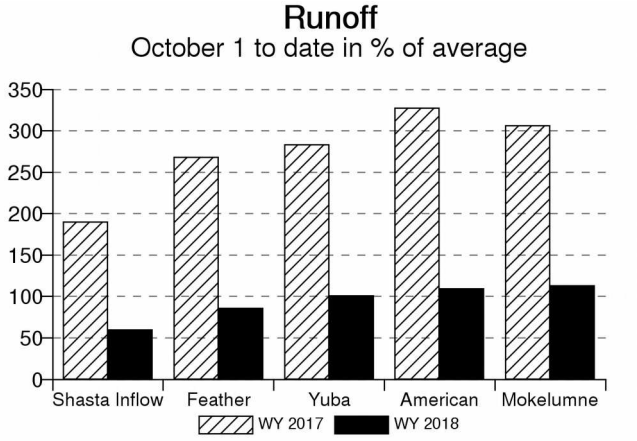
SNOWPACK First of the month measurements made at 62 snow courses indicate an area wide snow water equivalent of 6.7 inches. This is 15 percent of the seasonal April 1 average and 25 percent of the May 1 average. Last year this time the pack was holding less than 40.9 inches of water.



PRECIPITATION Seasonal precipitation (October 1 through to the end of April) on this area was 90 percent of normal. Precipitation last month was about 145 percent of the monthly average. Season precipitation at this time last year stood at 190 percent of normal.



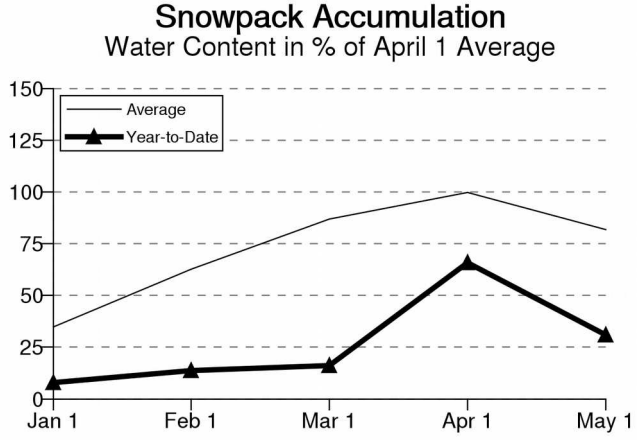
RESERVOIR STORAGE First of the month storage at 43 reservoirs was 13.68 million acre-feet which is 105 percent of average. About 85 percent of available capacity was being used. Storage in these reservoirs at this time last year was 110 percent of average.



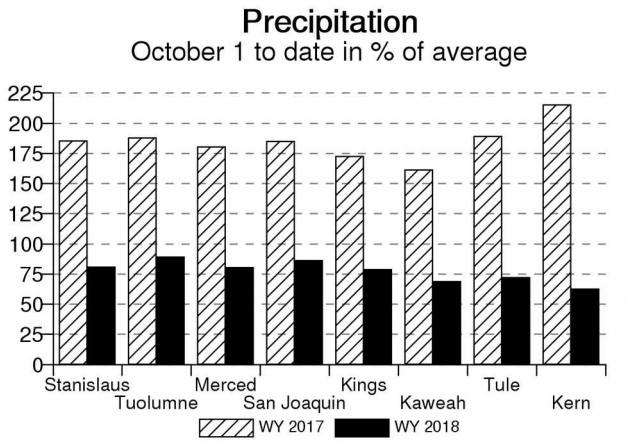
RUNOFF Seasonal runoff of streams draining this area totaled 9.82 million acre-feet which is 75 percent of average. Last year, runoff for the same period was 240 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 7.2 assuming median meteorological conditions for the remainder of the year. This classifies the year as "below normal" in the Sacramento Valley according to the State Water Resources Control Board.

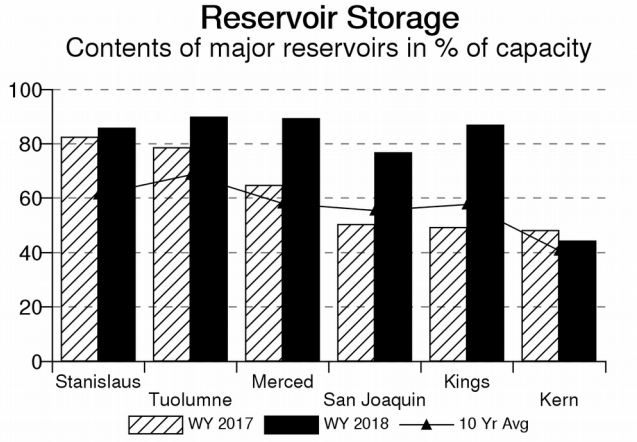
SAN JOAQUIN RIVER AND TULARE LAKE REGIONS



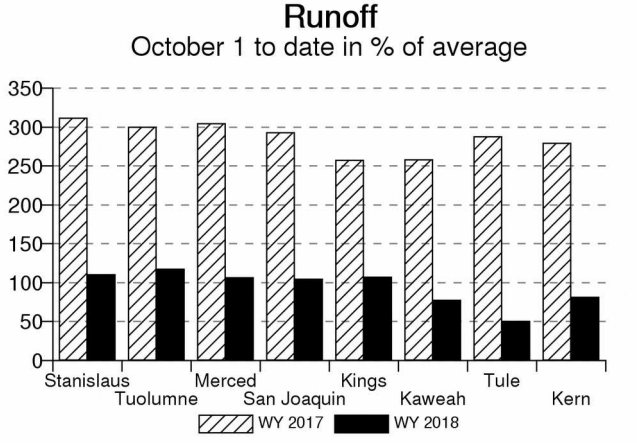
SNOWPACK- First of the month measurements made at 55 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 12 inches. This is 30 percent of the seasonal April 1 average and 40 percent of the May 1 average. Last year this time the pack was holding 53.6 inches of water. At the same time 32 **Tulare Lake** snow courses indicate a basin-wide snow water equivalent of less than 6.9 inches. This is 20 percent of the seasonal April 1 average and 30 percent of the May 1 average. Last year this time the pack was holding 41.2 inches of water.



PRECIPITATION- Seasonal precipitation (October 1 through to the end of April) on the **San Joaquin Region** was 85 percent of normal. Precipitation last month was about 120 percent of the monthly average. Season precipitation at this time last year stood at 185 percent of normal. Seasonal precipitation (October 1 through to the end of April) on the **Tulare Lake Region** was 70 percent of normal. Precipitation last month was about 80 percent of the monthly average. Season precipitation at this time last year stood at 175 percent of normal.



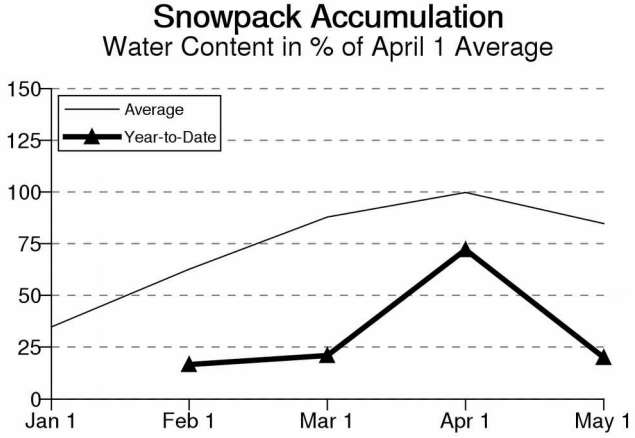
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 9.87 million acre-feet which is 130 percent of average. About 85 percent of available capacity was being used. Storage in these reservoirs at this time last year was 120 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 1.51 million acre-feet which is 145 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average.



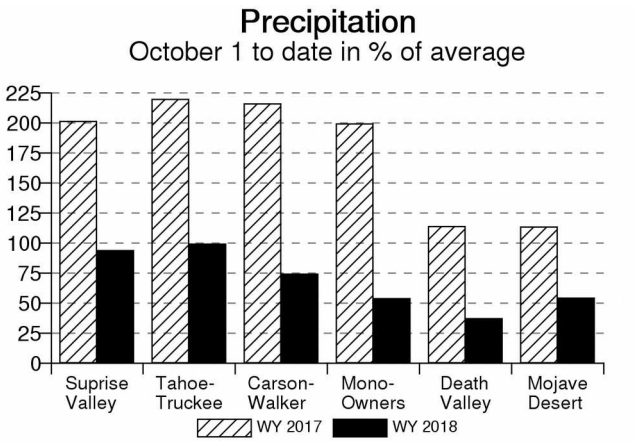
RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 3.81 million acre-feet which is 110 percent of average. Last year, runoff for the same period was 305 percent of average. Seasonal runoff of streams draining the **Tulare Lake Region** area totaled 1.14 million acre-feet which is 90 percent of average. Last year, runoff for the same period was 265 percent of average.

The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 3.0 assuming 75 percent of median meteorological conditions. This classifies the year as "Below Normal" in the San Joaquin according to the State Water Resources Control Board.

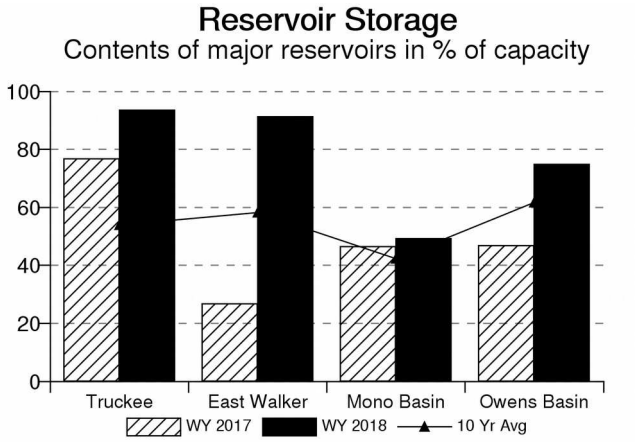
NORTH AND SOUTH LAHONTAN REGIONS



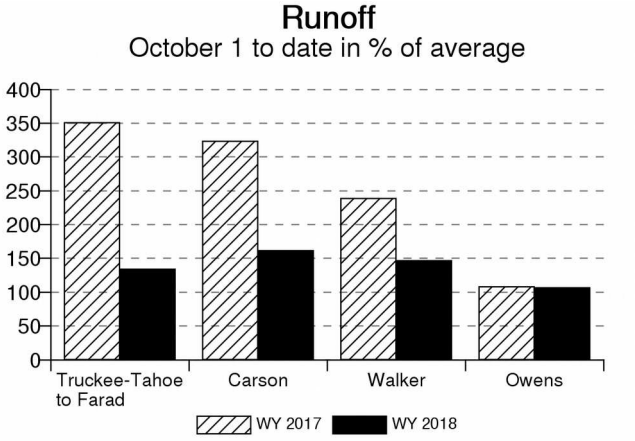
SNOWPACK First of the month measurements made at 4 **North Lahontan Region** snow courses indicate an area wide snow water equivalent of less than 7.4 inches. This is 25 percent of the seasonal April 1 average and 30 percent of the May 1 average. Last year this time the pack was holding 34.4 inches of water. At the same time 6 **South Lahontan Region** snow sensors indicate a basin-wide snow water equivalent of 4.9 inches. This is 20 percent of the seasonal April 1 average and 25 percent of the May 1 average. Last year this time the pack was holding 27.6 inches of water.



PRECIPITATION Seasonal precipitation (October 1 through to the end of April) on the **North Lahontan Region** was 90 percent of normal. Precipitation last month was about 145 percent of the monthly average. Season precipitation at this time last year stood at 210 percent of normal. Seasonal precipitation (October 1 through to the end of April) on the **South Lahontan Region** was 50 percent of normal. Precipitation last month was about 30 percent of the monthly average. Season precipitation at this time last year stood at 140 percent of normal.

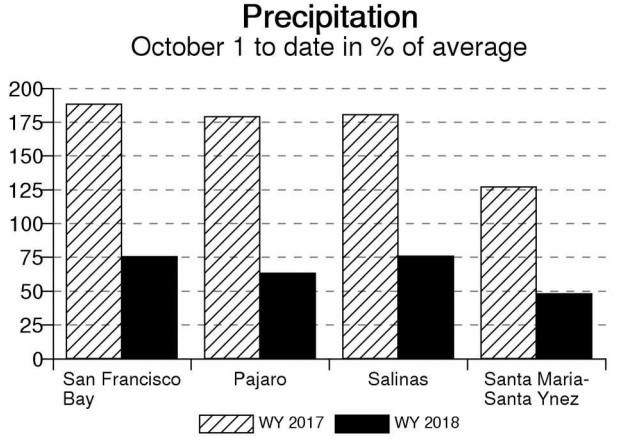


RESERVOIR STORAGE First of the month storage in 5 **North Lahontan Region** reservoirs was 1.00 million acre-feet which is 170 percent of average. About 95 percent of available capacity was being used. Storage in these reservoirs at this time last year was 140 percent of average. First of the month storage in 8 **South Lahontan Region** reservoirs was 299 thousand acre-feet which is 115 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

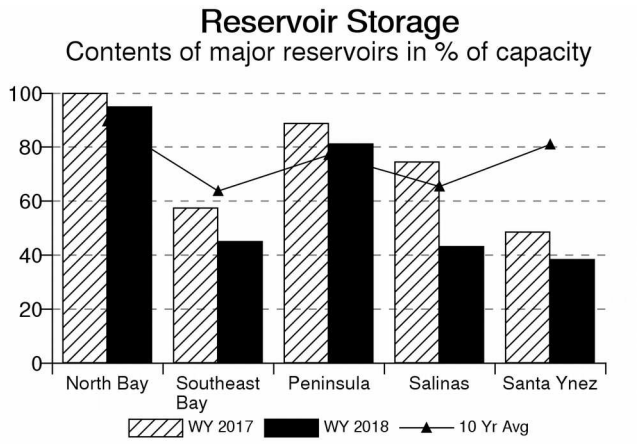


RUNOFF Seasonal runoff of streams draining the **North Lahontan Region** totaled 605 thousand acre-feet which is 145 percent of average. Last year, runoff for the same period was 325 percent of average. Seasonal runoff of streams draining the **South Lahontan Region** area totaled 80 thousand acre-feet which is 105 percent of average. Last year, runoff for the same period was 110 percent of average.

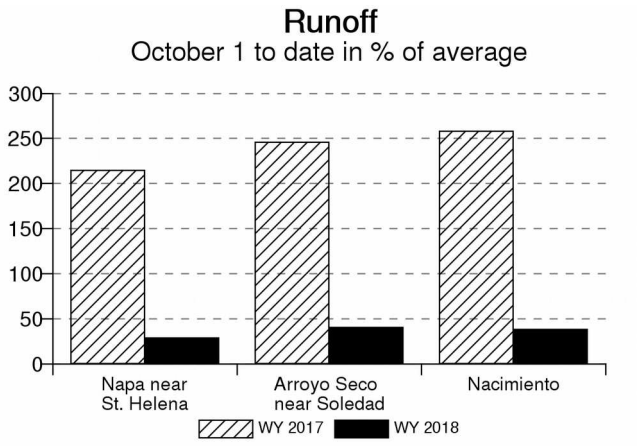
SAN FRANCISCO BAY AND CENTRAL COAST REGIONS



PRECIPITATION Seasonal precipitation (October 1 through to the end of April) on the **San Francisco Bay Region** was 70 percent of normal. Precipitation last month was about 160 percent of the monthly average. Season precipitation at this time last year stood at 175 percent of normal. Seasonal precipitation (October 1 through to the end of April) on the **Central Coast Region** was 60 percent of normal. Precipitation last month was about 65 percent of the monthly average. Season precipitation at this time last year stood at 155 percent of normal.



RESERVOIR STORAGE First of the month storage in 17 **San Francisco Region** 43 reservoirs was 471 thousand acre-feet which is 90 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average. First of the month storage in 6 **Central Coast Region** reservoirs was 432 thousand acre-feet which is 60 percent of average. About 45 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average.



RUNOFF Seasonal runoff of streams draining the **San Francisco Region** totaled 20 thousand acre-feet million acre-feet which is 30 percent of average. Last year, runoff for the same period was 215 percent of average. Seasonal runoff of streams draining the **Central Coast Region** area totaled 118 thousand acre-feet million acre-feet which is 40 percent of average. Last year, runoff for the same period was 250 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through April (seasonal) precipitation on the **South Coast Region** was 40 percent of normal. April precipitation was less than 5 percent of the monthly average. Seasonal precipitation at this time last year was 130 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 30 percent of normal. Precipitation during April was 0 percent of average. Seasonal precipitation at this time last year stood at 140 percent of average.

RESERVOIR STORAGE - May 1 storage in 29 major **South Coast Region** reservoirs was 1.2 million acre-feet or 80 percent of average. About 60 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 24 thousand acre-feet which is 15 percent of average. Seasonal runoff from these streams last year was 80 percent of average.

COLORADO RIVER

The April July inflow to Lake Powell is forecast to be 3.0 million acre-feet, which is 42 percent of average. The May 1 snowpack in the Colorado River basin above Lake Powell was 45 percent of average, lowest in the San Juan River headwaters at less than 1 percent and highest in the Upper Green at 70 percent. On May 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 25.3 million acre-feet or about 65 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing 65 percent of average.

MAJOR WATER DISTRIBUTION PROJECTS
RESERVOIR STORAGE
(AVERAGES BASED ON 1966-2015 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	STORAGE AT END OF April 2017 1,000 AF	2018 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
STATE WATER PROJECT						
Lake Oroville	3,538	2,857	2,622	2,433	85%	69%
San Luis Reservoir (SWP)	1,062	937	1,032	893	95%	84%
Lake Del Valle	77	39	41	38	96%	49%
Lake Silverwood	78	69	66	68	99%	88%
Pyramid Lake	180	163	166	166	101%	92%
Castaic Lake	325	288	301	283	98%	87%
Perris Lake	131	105	58	95	90%	72%
CENTRAL VALLEY PROJECT						
Trinity Lake	2,448	1,984	2,302	1,930	97%	79%
Lake Shasta	4,552	3,872	4,263	4,195	108%	92%
Whiskeytown Lake	241	233	232	229	98%	95%
Folsom Lake	977	727	724	866	119%	89%
New Melones Reservoir	2,400	1,483	2,002	2,062	139%	86%
Millerton Lake	521	358	261	451	126%	87%
San Luis Reservoir (CVP)	971	839	966	862	103%	89%
COLORADO RIVER PROJECT						
Lake Mead	26,159	18,823	10,420	10,387	55%	40%
Lake Powell	24,322	16,854	12,149	12,669	75%	52%
Lake Mohave	1,810	1,670	1,684	1,682	101%	93%
Lake Havasu	648	587	594	564	96%	87%
EAST BAY MUNICIPAL UTILITY DISTRICT						
Pardee Res	204	184	200	205	111%	100%
Camanche Reservoir	417	265	283	383	145%	92%
East Bay (4 res.)	159	134	134	136	101%	86%
CITY AND COUNTY OF SAN FRANCISCO						
Hetch-Hetchy Reservoir	360	189	283	325	172%	90%
Cherry Lake	268	176	183	205	116%	76%
Lake Eleanor	29	17	24	23	132%	79%
South Bay/Peninsula (4 res.)	238	173	152	140	81%	59%
CITY OF LOS ANGELES (D.W.P.)						
Lake Crowley	183	124	93	147	119%	80%
Grant Lake	48	26	33	23	86%	48%
Other Aqueduct Storage (6 res.)	238	173	152	140	81%	59%

TELEMETERED SNOW WATER EQUIVALENTS

May 1, 2018

(AVERAGES BASED ON PERIOD RECORD)

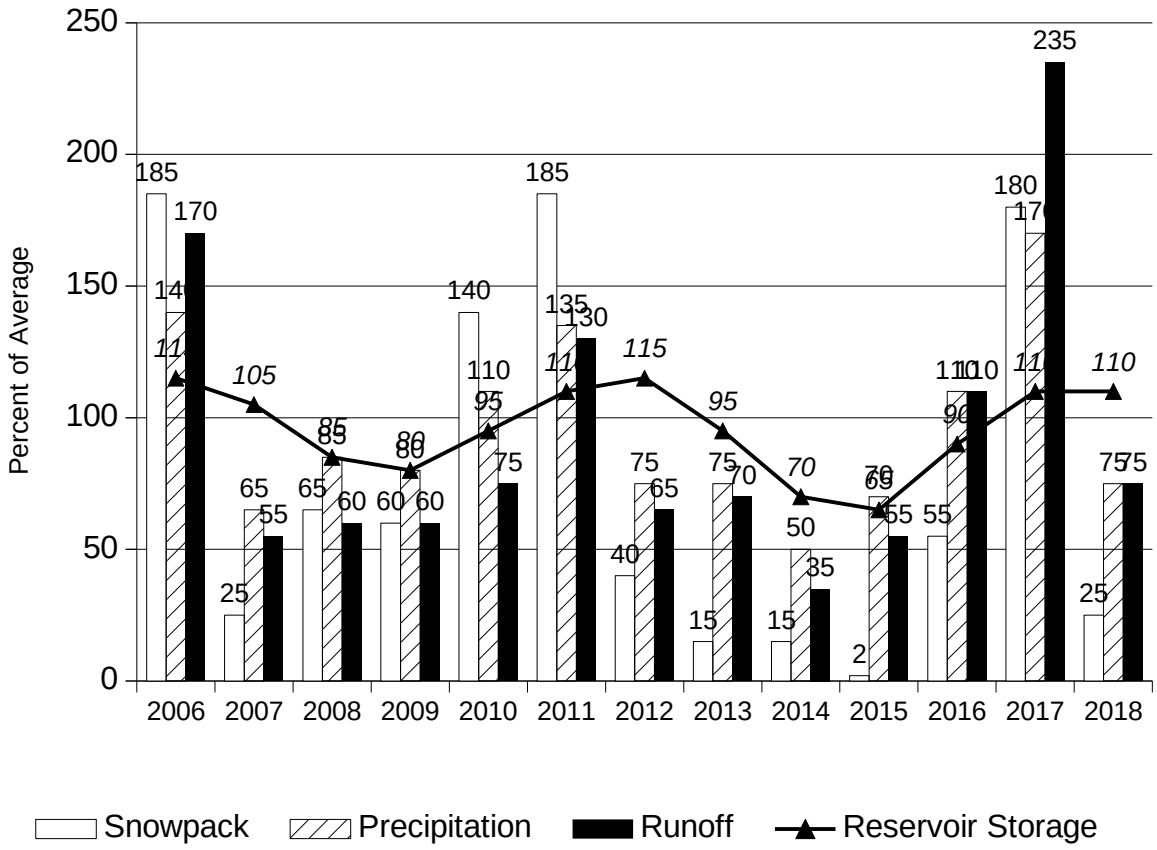
BASIN NAME / STATION NAME	ELEV	APRIL 1 AVERAGE	INCHES OF WATER EQUIVALENT May 1	PERCENT OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS
TRINITY RIVER						
Shimmy Lake	6400'	40.3	0.0	0.0	0.0	2.5
Crowder Flat	5100'	-	0.0	-	0.0	0.0
Highland Lakes	6030'	29.9	0.0	0.0	0.0	0.0
Mumbo Basin	5650'	22.4	0.0	0.0	0.0	0.0
Bonanza King	6450'	40.5	-	-	-	-
Red Rock Mountain	6700'	39.6	6.4	16.0	7.1	12.0
Big Flat	5100'	15.8	0.0	0.0	0.0	0.0
Scott Mountain	5900'	16.0	0.0	0.0	0.0	0.0
Peterson Flat	7150'	29.2	0.0	0.0	0.0	1.3
Middle Boulder 3	6200'	28.3	0.0	0.0	0.0	0.0
SACRAMENTO RIVER						
Blacks Mountain	7050'	12.7	1.6	12.3	1.6	4.0
Cedar Pass	7100'	18.1	3.8	21.0	3.5	6.9
Medicine Lake	6700'	32.6	12.6	38.7	12.5	14.8
Sand Flat	6750'	42.4	-	-	-	-
Slate Creek	5700'	29.0	0.0	0.0	0.0	0.0
Adin Mountain	6200'	13.6	0.7	5.1	0.8	0.0
Stouts Meadow	5400'	36.0	0.0	0.0	0.0	2.8
Snow Mountain	5950'	27.0	8.3	30.7	8.4	10.7
FEATHER RIVER						
Kettle Rock	7300'	25.5	4.7	18.4	4.6	9.5
Gold Lake	6750'	36.5	18.8	51.6	18.8	20.6
Bucks Lake	5750'	44.7	6.0	13.4	6.5	11.3
Harkness Flat	6200'	28.5	0.0	0.0	0.0	0.0
Four Trees	5150'	20.0	0.0	0.0	0.0	0.0
Humbug	6500'	28.0	8.3	29.6	8.4	12.2
Grizzly Ridge	6900'	29.7	3.8	12.9	4.0	8.5
Rattlesnake	6100'	14.0	0.0	0.0	0.0	0.0
Lower Lassen Peak	8250'	-	48.2	-	47.8	49.2
Pilot Peak	6800'	52.6	1.8	3.4	2.2	6.8
EEL RIVER						
Noel Spring	5100'	-	0.0	-	0.0	0.0
YUBA & AMERICAN RIVERS						
Carson Pass	8353'	-	13.8	-	14.0	18.8
Lake Lois	8600'	39.5	-	-	-	-
Forni Ridge	7600'	37.0	2.0	5.3	2.4	8.4
Silver Lake	7100'	22.7	1.6	7.2	1.6	4.9
Blue Canyon	5280'	9.0	0.0	0.0	0.0	0.0
Schneiders	8750'	34.5	28.7	83.1	28.4	31.8
Meadow Lake	7200'	55.5	-	-	-	-
Robbs Powerhouse	5150'	5.2	0.0	0.0	0.0	0.0
Robinson Cow Camp	6480'	-	3.5	-	3.9	8.5
Cent Sierra Snow Lab	6900'	33.6	5.1	15.2	5.4	11.1
Caples Lake	8000'	30.9	6.6	21.4	6.7	10.6
Alpha	7600'	35.9	1.2	3.3	1.8	7.9
Robbs Saddle	5900'	21.4	0.0	0.0	0.0	0.2
Huysink	6600'	42.6	6.1	14.4	6.2	9.8
Van Vleck	6700'	35.9	3.9	10.9	4.5	10.0
Greek Store	5600'	21.0	0.8	4.0	1.1	7.2
MOKELUMNE & STANISLAUS RIVERS						
Highland Meadow	8700'	47.9	35.0	73.1	35.1	39.8
Gianelli Meadow	8400'	55.5	26.9	48.4	26.6	28.6
Bloods Creek	7200'	35.5	1.2	3.5	1.5	6.4
Blue Lakes	8000'	33.1	12.9	38.8	13.3	17.1
Mud Lake	7900'	44.9	-	-	-	-
Black Springs	6500'	32.0	3.4	10.5	3.7	7.8
Stanislaus Meadow	7750'	47.5	13.9	29.3	14.4	18.7
Deadman Creek	9250'	37.2	-	-	-	-
Lower Relief Valley	8100'	41.2	16.0	38.7	16.1	18.9
TUOLUMNE & MERCED RIVERS						
Dana Meadows	9800'	27.7	10.6	38.4	10.8	14.2
Horse Meadow	8400'	48.6	34.5	71.0	35.2	40.9
Tuolumne Meadows	8600'	22.6	1.3	5.8	1.3	3.3
Slide Canyon	9200'	41.1	-	-	-	27.9
Ostrander Lake	8200'	34.8	11.9	34.3	11.9	15.7
Gin Flat	7050'	34.2	-	-	-	-
Tenaya Lake	8150'	33.1	6.2	18.8	6.9	15.8
White Wolf	7900'	-	4.8	-	5.1	10.1
Lower Kibbie Ridge	6700'	27.4	0.0	0.0	0.0	0.0
Paradise Meadow	7650'	41.3	11.5	27.8	12.0	17.8

SAN JOAQUIN RIVER						
Volcanic Knob	10050'	30.1	19.6	65.2	20.0	21.9
Tamarack Summit	7550'	30.5	0.0	0.0	0.0	0.4
Kaiser Point	9200'	37.8	13.0	34.3	13.7	18.8
Huntington Lake	7000'	20.1	0.0	0.0	0.0	0.8
Green Mountain	7900'	30.8	0.0	0.0	0.0	0.0
Poison Ridge	6900'	28.9	0.0	0.0	0.0	0.0
Graveyard Meadow	6900'	18.8	0.0	0.0	0.0	0.0
Agnew Pass	9450'	32.3	19.0	58.8	20.0	23.5
Devils Postpile	7569'	-	0.0	-	0.0	0.0
Chilkoot Meadow	7150'	38.0	0.0	0.0	0.0	3.4
KINGS RIVER						
Bishop Pass	11200'	34.0	9.7	28.5	9.8	10.1
Blackcap Basin	10300'	34.3	-	-	-	-
Mitchell Meadow	9900'	32.9	21.5	65.2	21.4	25.0
Upper Burnt Corral	9700'	34.6	15.7	45.3	15.4	18.8
State Lakes	10300'	29.0	-	-	-	-
West Woodchuck Meadow	9100'	32.8	3.6	11.0	4.0	10.6
Big Meadows	7600'	25.9	-	-	-	-
Charlotte Lake	10400'	27.5	-	-	-	-
KAWEAH & TULE RIVERS						
Farewell Gap	9500'	34.5	-	-	-	-
Giant Forest	6650'	10.0	0.0	0.0	0.0	0.0
Quaking Aspen	7200'	21.0	0.0	0.0	0.0	0.0
KERN RIVER						
Tunnel Guard Station	8900'	15.6	-	-	-	-
Beach Meadows	7650'	11.0	0.0	0.0	0.0	0.0
Upper Tyndall Creek	11400'	27.7	6.4	23.0	6.3	8.6
Casa Vieja Meadows	8300'	20.9	0.0	0.0	0.0	0.0
Pascoes	9150'	24.9	0.0	0.0	0.0	4.0
Wet Meadows	8950'	30.3	0.0	0.0	0.0	0.0
Chagoopa Plateau	10300'	21.8	1.7	7.6	1.3	6.0
Crabtree Meadow	10700'	19.8	-	-	-	-
SURPRISE VALLEY AREA						
Dismal Swamp	7050'	29.2	21.6	74.0	21.0	21.8
TRUCKEE RIVER						
Independence Camp	7000'	21.8	0.0	0.0	0.0	0.5
Independence Lake	8450'	41.4	35.2	85.0	35.0	37.4
Squaw Valley Gold Coast	8200'	46.5	22.8	49.0	23.1	27.1
Truckee 2	6400'	14.3	0.0	0.0	0.0	1.6
Independence Creek	6500'	12.7	0.0	0.0	0.0	0.0
Big Meadows	8700'	25.7	13.5	52.5	13.8	17.1
LAKE TAHOE BASIN						
Rubicon Peak 2	7500'	29.1	6.2	21.3	6.4	8.7
Tahoe City Cross	6750'	16.0	0.0	0.0	0.0	0.0
Echo Peak 5	7800'	39.5	7.5	19.0	7.7	14.8
Hagans Meadow	8000'	16.5	0.0	0.0	0.0	0.0
Fallen Leaf Lake	6250'	7.0	0.0	0.0	0.0	0.0
Ward Creek 3	6750'	39.4	7.9	20.1	8.1	13.4
Mount Rose Ski Area	8900'	38.5	27.3	70.9	27.0	30.5
Heavenly Valley	8800'	28.1	12.3	43.8	13.3	17.7
Marlette Lake	8000'	21.1	4.5	21.3	5.0	8.9
CARSON RIVER						
Spratt Creek	6150'	4.5	0.0	0.0	0.0	0.0
Horse Meadow	8400'	48.6	34.5	71.0	35.2	40.9
Burnside Lake	8129'	-	11.1	-	12.2	16.1
Monitor Pass	8350'	-	1.3	-	1.2	8.4
Poison Flat	7900'	16.2	5.2	32.1	5.3	10.3
Forestdale Creek	8017'	-	19.9	-	20.1	23.8
Ebbetts Pass	8700'	38.8	21.6	55.7	22.5	-
WALKER RIVER						
Sonora Pass Bridge	8750'	26.0	9.6	36.9	9.8	12.6
Virginia Lakes Ridge	9300'	20.3	8.6	42.4	9.5	11.5
Lobdell Lake	9200'	17.3	0.0	0.0	1.4	8.0
Summit Meadow	9313'	-	7.9	-	9.2	12.3
Leavitt Meadows	7200'	8.0	0.0	0.0	0.0	0.0
Leavitt Lake	9600'	-	45.0	-	44.8	48.8
OWENS RIVER/MONO LAKE						
Cottonwood Lakes	10150'	11.6	0.0	0.0	0.0	0.0
Gem Pass	10750'	31.7	-	-	-	-
Rock Creek Lakes	9700'	14.0	0.0	0.0	0.0	0.0
South Lake	9600'	16.0	3.0	18.8	3.2	6.4
Big Pine Creek	9800'	17.9	0.0	0.0	0.3	3.8
Sawmill	10200'	19.4	3.1	15.9	3.1	7.5

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Central Valley North	45%	70%	90%	100%	75%
Central Valley South	45%	65%	85%	100%	80%
North Coast	40%	60%	85%	100%	80%

May 1 Statewide Conditions



SNOWLINES

Next Years Western Snow Conference rotates back to the South Pacific Region. Tentative plans are to meet in the Reno vicinity.

On this months cover is pictured the dramatic effect of the April 8th atmospheric river on the snowpack near New Grace Meadow at an elevation of 8300 feet. The picture was taken on May 3 by Mark Fincher, Wilderness Specialist, Yosemite National Park